

Total Removal of Surface Contaminants

Loctite® One-Pass™ System

The Loctite One-Pass System (patent pending) is a robotically controlled flange cleaning end-effector that removes contaminants from flange surfaces. The One-Pass System cleans cutting fluids, wash bath residue, assembly oil, and transmission fluid from surfaces with a continuous flow of mesh-reinforced felt cloth wetted in an approved cleaning fluid. This robust surface preparation system enables producers of engines, transmissions, and axles to replace molded gaskets with high-performance formed-in-place adhesives and sealants at a fraction of the cost.

The One-Pass System can also prime or activate a bonding surface. Modular construction allows longer or shorter iterations to avoid obstructions, or accommodate tight workspaces. Options include a quick-change leading-edge squeegee and/or integrated trailing edge air knife for tough applications.

The One-Pass System is available as a stand-alone tool, or fully integrated production-ready automation package. Please contact your Loctite engineering representative for a process capability review and technical presentation.



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